

Test report

T-25312265-11-R1-RV1



Verify Report

Overall result

Pass

Please refer to the following pages for test result summary and notes.

Client information

Client: Mid Ocean Brands B.V.
Address: Unit 711 716, 7/F., Tower A, 83 King Lam
Street Cheung Sha Wan, Kowloon, Hong Kong



Sample information

Description: Measuring tape with bamboo case
SKU/style #: MO6519 MO6520
Country of origin: -
Country of distribution: -
Material / Composition: Bamboo,steel
Quantity submitted: 2 pcs per style + a lot parts
Labeled age grade: -
Tested age grade: -

General information

Sample receipt date: 05-Jun-2025

Report date: 14-Oct-2025

Testing period: 06-Jun-2025 to 20-Jun-2025

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu
Chemical Laboratory Manager

QIMA (Hangzhou) Testing Co., Ltd.

Carina Zhou
Textile Laboratory Manager



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Result summary

At the request of the client, the following test were conducted:

Test(s) conducted	Conclusion
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Paints and Surface Coatings	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Paints and Surface Coatings	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)	Pass
Regulation (EU) No. 2019/1021 Persistent Organic Pollutants , ANNEX I and its amendment (EU) 2021/277- Pentachlorophenol	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII as amended, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DIBP, DnOP, DINP, DIDP)	Pass
Colour Fastness to Rubbing	Pass

Note:

By client's request, selected components were conducted for all chemical testing.

[§]Revised information and supersedes the previous report T-25312265-11-R1.



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Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E1003-09.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	C7	C9	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	---	---	---	500
Conclusion	Pass	Pass	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)





Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal) and/or CPSC-CH-E1002-08.3 (Non-Metal)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	C1+C2	C3	C4	C5	C6	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	500
Conclusion	Pass	Pass	Pass	Pass	Pass	

Specimen No.	C8	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	---	---	---	---	500
Conclusion	Pass	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.





Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Paints and Surface Coatings

Test Method: ASTM F963-23 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	C7	C9	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	---	---	---	1000
Conclusion	Pass	Pass	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)





Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials

Test Method: ASTM F963-23 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	C3	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	---	---	---	---	100
Conclusion	Pass	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15mg/kg)





Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles

Test Method: EN ISO 14362-1:2017, EN ISO 14362-3:2017
Analytical Method: Gas Chromatography with Mass Spectrometry, Liquid Chromatography with Diode Array Detection / Liquid Chromatography with Mass Spectrometry

Specimen No.	C1+C2	---	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)
4-aminobiphenyl	92-67-1	ND	---	---	---
Benzidine	92-87-5	ND	---	---	---
4-chloro-o-toluidine	95-69-2	ND	---	---	---
2-naphtylamine	91-59-8	ND	---	---	---
o-Aminoazotoluene	97-56-3	ND	---	---	---
5-nitro-o-toluidine	99-55-8	ND	---	---	---
4-chloroaniline	106-47-8	ND	---	---	---
2,4-diaminoaniso	615-05-4	ND	---	---	---
4,4'-methylenedianiline	101-77-9	ND	---	---	---
3,3'-dichlorobenzidine	91-94-1	ND	---	---	---
o-dianisidine	119-90-4	ND	---	---	---
3,3'-dimethylbenzidine	119-93-7	ND	---	---	---
4,4'-methylenedi-o-toluidine	838-88-0	ND	---	---	---
p-cresidine	120-71-8	ND	---	---	---
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	ND	---	---	---
4,4'-oxydianiline	101-80-4	ND	---	---	---
4,4'-thiodianiline	139-65-1	ND	---	---	---
o-toluidine	95-53-4	ND	---	---	---
2,4-diaminotoluene	95-80-7	ND	---	---	---
2,4,5-trimethylaniline	137-17-7	ND	---	---	---
2-methoxyaniline	90-04-0	ND	---	---	---
4-aminoazobenzene	60-09-3	ND	---	---	---
Conclusion	Pass	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 5 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

In the case of levels per amine component less than or equal to 30 mg/kg, according to the analysis as carried out, azo colorants which can release one or more of certain listed amines by cleavage of their azo group/s were not detected in the commodity submitted.





Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)

Test Method: AfPS GS 2019:01
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		C3	C11+C12	C13+C14	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Benzo [a] pyrene (BaP)	50-32-8	ND	ND	ND	---	1
Benzo [e] pyrene (BeP)	192-97-2	ND	ND	ND	---	1
Benzo [a] anthracene (BaA)	56-55-3	ND	ND	ND	---	1
Chrysene (CHR)	218-01-9	ND	ND	ND	---	1
Benzo [b] fluoranthene (BbFA)	205-99-2	ND	ND	ND	---	1
Benzo [j] fluoranthene (BjFA)	205-82-3	ND	ND	ND	---	1
Benzo [k] fluoranthene (BkFA)	207-08-9	ND	ND	ND	---	1
Dibenzo [a,h] anthra- cene (DBA _h A)	53-70-3	ND	ND	ND	---	1
Conclusion		Pass	Pass	Pass	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 0.2 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



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Detailed results

Regulation (EU) No. 2019/1021 Persistent Organic Pollutants , ANNEX I and its amendment (EU) 2021/277- Pentachlorophenol

Test Method: CEN/TR 14823:2003
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	C10	---	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Pentachlorophenol (PCP) and its salts and ester	ND	---	---	---	---	5
Conclusion	Pass	---	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 1 mg/kg)





Detailed results

Regulation (EC) No. 1907/2006 REACH Annex XVII as amended, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DIBP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.4
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		C3	C7	C9	Limit (% w/w)
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.1
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.1
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	0.1
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	0.1
Sum of DBP, BBP, DEHP, DIBP		ND	ND	ND	0.1
Di-n-Octyl Phthalate (DnOP)	117-84-0	ND	ND	ND	
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	
Sum of DnOP, DINP, DIDP		ND	ND	ND	0.1
Conclusion		Pass	Pass	Pass	

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)





Detailed results

Colour Fastness to Rubbing

Test Method: EN ISO 105-X12: 2016, Size of rubbing finger: 16mm dia.

Specimen No.	T1	T2	---	---	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4-5	4-5	---	---	---	Min. 2-3
Wet staining	4-5	4-5	---	---	---	Min. 2-3
Conclusion	Pass	Pass	---	---	---	-

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.





Specimen description

Specimen #	Specimen description	Location
C1	Black textile	Square style-thick string
C2	Black textile	Square style-thin string
C3	Black plastic	Square style-buckle
C4	Silvery metal	Square style-ring
C5	Silvery metal	Square style-puller
C6	Dull silvery metal	Square style-ruler
C7	Multi-color coating	Square style-ruler
C8	Dull silvery metal	Oval style-ruler
C9	Multi-color coating	Oval style-ruler
C10	Natural bamboo	Oval style-main body
C11	Black ink	Raw material
C12	Red ink	Raw material
C13	Yellow ink	Raw material
C14	White ink	Raw material
T1	Black thick string	Raw material
T2	Black thin string	Raw material



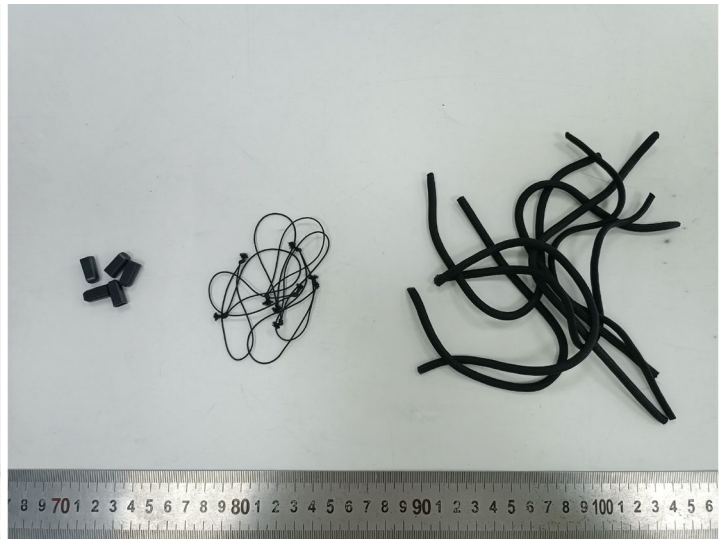


Pictures

^sSample photo:



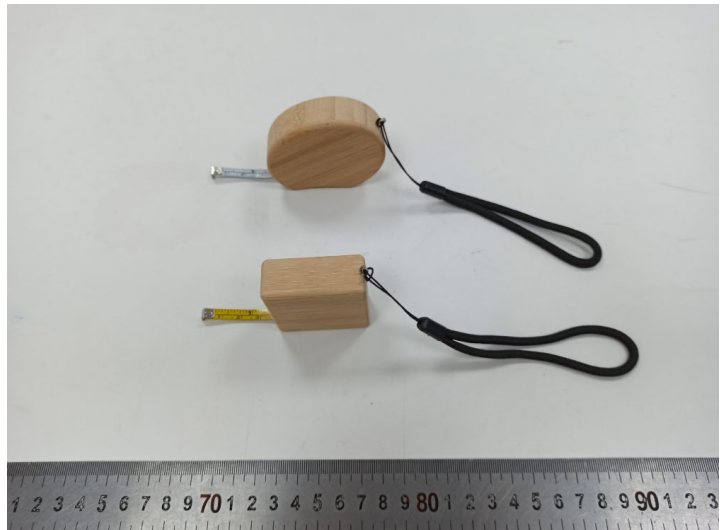
Tested sample



Tested sample



Tested sample



End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.(<https://www.qima.com/conditions-of-service#decisionRule>).This test report may not be reproduced in whole or in part, without the written approval of QIMA (Hangzhou) Testing Co., Ltd.



Test Report

Report No. : AGC06169250601-001S2

SAMPLE NAME : Measuring tape with bamboo case
MODEL NAME : MO6519
MO6520
APPLICANT : Mid Ocean Brands B.V.
STANDARD(S) : Please refer to the following page(s).
DATE OF ISSUE : Jun. 27, 2025

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Report No.: AGC06169250601-001S2

Applicant : Mid Ocean Brands B.V.
Address : Unit 711-716, 7/F., Tower A, 83 King Lam Street Cheung Sha Wan, Kowloon, Hong Kong
Test Site : 6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

Report on the submitted sample(s) said to be:

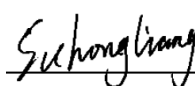
Sample Name : Measuring tape with bamboo case
Model : MO6519
MO6520
Vendor Code : 118518
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Received Date : Jun. 13, 2025
Testing Period : Jun. 13, 2025 to Jun. 23, 2025
Test Requested : Selected test(s) as requested by client.

Test Requested:

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 77
- Formaldehyde Release

Conclusion

Pass

Approved by: 

Suhongliang

Technical Director

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Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Jun. 24, 2025	Invalid	Initial release
S1	Jun. 25, 2025	Invalid	Modification of sample name and Address
S2	Jun. 27, 2025	Valid	Modification of sample name and Test point

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The photo of the sample



The photo of AGC06169250601-001S2 is for use only with the original report.

Test Point Description

Test point	Test point description
1	Bamboo case

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Test Results:

Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001%

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019/CNAS-GL015:2022.

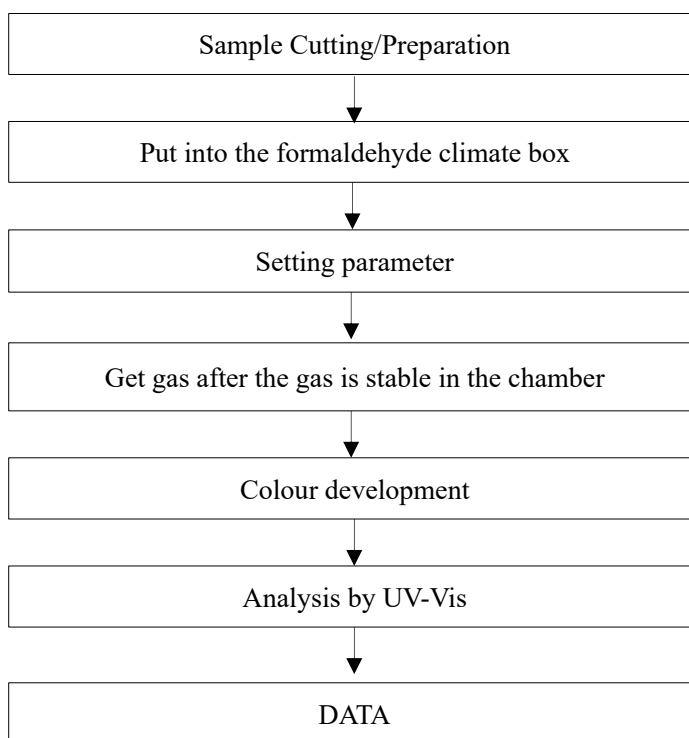
Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 77

- Formaldehyde Release

Test Methods and Equipment: EN 717-1:2004; UV-Vis

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				1
Formaldehyde Release	mg/m ³	0.062	0.006	N.D. (240h)
Conclusion				Conformity

Test Flow Chart of Formaldehyde Release



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Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: <http://www.agccert.com/>

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